



SERVICE NOTE

EFFECT: PENG0™

NUMBER: 002

The following list comprises the Recommended Spare Parts for the support of 10 games (and presumes the user to a stock of common IC's and transistors consistent with a contemporary digital electronic repair facility):

<u>ITEM NO.</u>	<u>PART NO.</u>	<u>QTY.</u>	<u>DESCRIPTION</u>	<u>REF. DES.</u>	<u>PRICE-EA.</u>
AC JUNCTION BOX ASSEMBLY			800-0145		\$
1.	270-0001	1	FILTER, EMI		20.00
2.	514-0001	5	FUSE, 2A 250V S.B.		1.50
3.	514-0051	5	FUSE, 1A 250V		.70
4.	514-0053	5	FUSE, 5A S.B.		.70
CONTROL PANEL ASSEMBLY			800-3280-00		
5.	240-0009	2	BUTTON, Plunger - Yellow		.40
6.	240-0006	2	BUT00N, Plunger - Red		.40
VOLUME CONTROL BLOCK ASSEMBLY			800-3282-00		
7.	475-0007	1	POT., 10 KOHM		1.25
EMI TRANSFORMER ASSEMBLY			800-0190		
8.	560-0055	1	XFMR, G-80 Power Supply		120.70
G-80 POWER SUPPLY CHASSIS ASSEMBLY			800-0191		
9.	482-0104	2	XSTR, PWR TIP141		4.12
10.	482-0100	2	XSTR, PWR TIP125		1.20
11.	482-0019	2	XSTR, PWR TIP120		2.00
G-80 POWER SUPPLY PC ASSEMBLY			800-0170		
12.	150-0088	2	CAP, 10MF 25V	C5,8, et al.	.40
13.	150-0097	1	CAP, 4700MF 16V	C15,16, et al.	2.20
14.	151-0011	1	CAP, 0.01UF 50V	C21,22, et al.	.50
15.	481-0002	1	DIODE, MR751	D10,12.	1.60
16.	481-0004	3	DIODE, MR501	D6-9, et al.	1.00
17.	481-0006	1	DIODE, 1N914	D1,4,5	1.00
18.	514-0002	3	FUSE, 3A		.50
19.	514-0006	3	FUSE, 1.5A		.26
20.	514-0008	3	FUSE, 10A S.B.		.70

SEGA Electronics, Inc., 16250 Technology Drive, San Diego, CA. 92127-1985

Toll-free technical assistance inside CA 1-800-722-8576

Toll-free technical assistance outside CA 1-800-854-1938

<u>ITEM NO.</u>	<u>PART NO.</u>	<u>QTY.</u>	<u>DESCRIPTION</u>	<u>REF. DES.</u>	<u>PRICE-EA.</u>
GAME ELECTRONICS ASSEMBLY			834-0386-00		
21.	151-0041	6	CAP, 220PF 50V	C21,29,31	.06
22.	220-0186	1	VOL. CONT.	VR1	*
23.	230-0023	2	XTAL, 18.432 MHz	X1	6.00
24.	315-0041	1	IC Z80A	U2 (-5092-00) -5092-01)	22.50
25.	315-5010	1	IC Controller	U2	85.45
26.	315-0127	1	IC RAM AM25LS2519	U74	3.49
27.	315-0045	1	IC RAM CD4066	U50	1.50
MONITOR 19" WELL GARDNER 19K4675			200-0019		
28.	560-0096	1	XFMR, Flyback		17.00
29.	481-0225	3	RECTIFIER, 1A 600V		.55
30.	180-0023	1	COIL, Peaking		.31
31.	560-0061	1	XFMR, Horiz. Drive		.80
32.	481-0227	2	DIODE, Zener RD10F(C) D402		.80
33.	481-0229	1	DIODE, Zener RD11E(B) D507		.30
34.	481-0231	1	DIODE, Zener RD20EV2 D701		.15
35.	481-0198	1	DIODE, Zener RD6.8EV3 D905		*
36.	514-0072	3	FUSE, 1.25A 125V	F901	*
37.	514-0058	3	FUSE, 3A 125V	F902	*
MONITOR 19" ELECTROHOME G07-907			200-0022		
38.	481-0214	2	RECTIFIER, RM-2AV 600V	X601-4	.30
39.	481-0218	2	RECTIFIER, PWR 500V PIV	X610-12	.46
40.	560-0094	1	XFMR, Horiz. Drive	T602	13.20
41.	800-3253	1	HV Unit	T701	*
42.	481-0014	1	DIODE, Zener 1N5228B	ZD201	.11
43.	514-0058	3	FUSE, 3A 125V	F601	*
MONITOR 19" WELLS GARDNER 19K4961			200-0091		
44.	481-0175	3	DIODE, 1S2076-27	D203-209	*
45.	481-0245	2	DIODE, RM-1AV	D501-506	.55
46.	560-0121	1	XFMR, Horiz. Drive	T351	1.70
47.	478-0012	1	THERMISTOR	TH501	2.20
48.	514-0054	3	FUSE, 4A 125V	F501	*

* Contact SEGA Customer Service Parts Information toll-free:

inside CA 1-800-722-8575

outside CA 1-800-854-1900